




UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|   |   |              |  |        |                             |
|---|---|--------------|--|--------|-----------------------------|
| Date September 10, 2012   | EPA Reg No./File Symbol 62719-XXX   |              |  |        |                             |
| Applicant's/Registrant's Name & Address<br><b>Dow AgroSciences LLC</b><br><b>9330 Zionsville Road</b><br><b>Indianapolis, IN 46268-1054</b> | Product<br><b>GF-2986</b>   | Page 1 of 31 |  |        |                             |
| Ingredient <b>Methoxyfenozide, Spinosad</b>   |   |              |  |        |                             |
| Guideline Reference   | Guideline Study Name  | MRID Number  | Submitter  | Status | Note                        |
| 830.1550  | Product Identity and Composition  | 48898601     | 62719  | OWN    | Sending Today               |
| 830.1600  | Description of Materials used to produce product                                    | 48898601     | 62719  | OWN    | Sending Today               |
| 830.1650  | Product Analysis and Certification  | 48898601     | 62719  | OWN    | Sending Today               |
| 830.1670  | Discussion of Formation of Impurities   | 48898601     | 62719  | OWN    | Sending Today               |
| 830.1750  | Certified Limits  | 48898601     | 62719  | OWN    | Sending Today               |
| 830.1800  | Enforcement Analytical Method   | 48898601     | 62719  | OWN    | Sending Today               |
| 830.6302  | Color   | 48898602     | 62719  | OWN    | Sending Today               |
| 830.6303  | Physical State  | 48898602     | 62719  | OWN    | Sending Today               |
| 830.6304  | Odor  | 48898602     | 62719  | OWN    | Sending Today               |
| 830.6314  | Oxidation/reduction; chemical incompatibility                                       | 48898602     | 62719  | OWN    | Sending Today               |
| 830.6315  | Flammability  | 48898602     | 62719  | OWN    | Sending Today               |
| 830.6316  | Explosibility   | 48898602     | 62719  | OWN    | Sending Today               |
| 830.7000  | pH  | 48898602     | 62719  | OWN    | Sending Today               |
| 830.7100  | Viscosity   | 48898602     | 62719  | OWN    | Sending Today               |
| Signature   |  |              | Name and Title:<br>Jennifer Lukus./Regulatory<br>Manager |        | Date:<br>September 10, 2012 |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|  |   |                                   |           |              |               |
|--|---|-----------------------------------|-----------|--------------|---------------|
| Date September 10, 2012  |   | EPA Reg No./File Symbol 62719-XXX |           |              |               |
| Applicant's/Registrant's Name & Address<br>Dow AgroSciences LLC<br>9330 Zionsville Road<br>Indianapolis, IN 46268-1054 |   | Product<br>GF-2986                |           | Page 2 of 31 |               |
| Ingredient Methoxyfenozide, Spinosad   |   |                                   |           |              |               |
| Guideline Reference  | Guideline Study Name                            | MRID Number                       | Submitter | Status       | Note          |
| 830.7300   | Density/relative density/bulk density           | 48898602                          | 62719     | OWN          | Sending Today |
| 870.1100   | Acute Oral Toxicity                             | 48898603                          | 62719     | OWN          | Sending Today |
| 870.1200   | Acute Dermal Toxicity                           | 48898604                          | 62719     | OWN          | Sending Today |
| 870.1300   | Acute Inhalation Toxicity                       | 48898605                          | 62719     | OWN          | Sending Today |
| 870.2400   | Acute Eye Irritation                            | 48898606                          | 62719     | OWN          | Sending Today |
| 870.2500   | Acute Dermal Irritation                         | 48898607                          | 62719     | OWN          | Sending Today |
| 870.2600   | Skin Sensitation                                | 48898608                          | 62719     | OWN          | Sending Today |
| Methoxyfenozide<br>Generic   |   |                                   |           |              |               |
| 71-1(a)  | Acute Avian Oral Toxicity (LD50) Bobwhite Quail | 44144406                          | 707       | OWN          |               |
| 71-2   | Avian Dietary LC50                              | 44144407                          | 707       | OWN          |               |
| 71-2   | Avian Dietary LC50                              | 44144408                          | 707       | OWN          |               |
| 71-4(a)  | Avian Reproductive Toxicity Bobwhite Quail      | 44617711                          | 707       | OWN          |               |
| 71-4(a)  | Avian Reproductive Toxicity Bobwhite Quail      | 45652801                          | 707       | OWN          |               |
| 71-4(b)  | Avian Reproductive Toxicity Mallard Duck        | 44617710                          | 707       | OWN          |               |
| 72-1   | Freshwater Fish LC50                            | 44144409                          | 707       | OWN          |               |
| 72-1(a)  | Fish Toxicity in Bluegill Sunfish               | 44144409                          | 707       | OWN          |               |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|   |   |             |              |        |      |
|---|---|-------------|--------------|--------|------|
| Date September 10, 2012   | EPA Reg No./File Symbol                               | 62719-XXX   |              |        |      |
| Applicant's/Registrant's Name & Address<br><b>Dow AgroSciences LLC</b><br><b>9330 Zionsville Road</b><br><b>Indianapolis, IN 46268-1054</b> | Product   | GF-2986     | Page 3 of 31 |        |      |
| Ingredient  | Methoxyfenozide, Spinosad                             |             |              |        |      |
| Guideline Reference   | Guideline Study Name                                  | MRID Number | Submitter    | Status | Note |
| 72-1  | Freshwater Fish LC50                                  | 44144410    | 707          | OWN    |      |
| 72-2  | Acute LC50 Freshwater Invertebrates                   | 44144411    | 707          | OWN    |      |
| 72-3(a)   | Toxicity to Estuarine and Marine Organisms (Fish)     | 44144412    | 707          | OWN    |      |
| 72-3(b)   | Toxicity to Estuarine and Marine Organisms (Mollusks) | 44144413    | 707          | OWN    |      |
| 72-3(f)   | Toxicity to Estuarine and Marine Organisms (Shrimp)   | 44144414    | 707          | OWN    |      |
| 72-4  | Fish Early Life Stage                                 | 44617712    | 707          | OWN    |      |
| 72-4  | Fish Early Life Stage                                 | 44617713    | 707          | OWN    |      |
| 850.1300  | Daphnid chronic toxicity test                         | 45702702    | 707          | OWN    |      |
| 850.1400  | Fish early-life stage toxicity test                   | 45702702    | 707          | OWN    |      |
| 850.1500  | Ecological Effects - Fish life cycle toxicity         | 46606301    | 707          | OWN    |      |
| 72-5  | Fish Life Cycle Study                                 | 44617714    | 707          | OWN    |      |
| 72-5  | Fish Life Cycle Study                                 | 44617715    | 707          | OWN    |      |
| 72-5  | Fish Life Cycle Study                                 | 44617716    | 707          | OWN    |      |
| 850.1500  | Fish Life Cycle Toxicity                              | 44976901    | 707          | OWN    |      |
| 850.1500  | Fish Life Cycle Toxicity                              | 45032801    | 707          | OWN    |      |
| 850.1500  | Fish Life Cycle Toxicity                              | 45032802    | 707          | OWN    |      |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|   |  |              |           |        |      |
|---|--|--------------|-----------|--------|------|
| Date September 10, 2012   | EPA Reg No./File Symbol                    | 62719-XXX    |           |        |      |
| Applicant's/Registrant's Name & Address<br><b>Dow AgroSciences LLC</b><br><b>9330 Zionsville Road</b><br><b>Indianapolis, IN 46268-1054</b> | Product<br><b>GF-2986</b>                  | Page 4 of 31 |           |        |      |
| Ingredient  | Methoxyfenozide, Spinosad                  |              |           |        |      |
| Guideline Reference   | Guideline Study Name                       | MRID Number  | Submitter | Status | Note |
| 850.710   | Ecological Effects                         | 45702704     | 707       | OWN    |      |
| 82-1(a)   | 90-Day Feeding Study in the Rodent         | 44617722     | 707       | OWN    |      |
| 82-1(a)   | 90-Day Feeding Study in the Rodent         | 44617723     | 707       | OWN    |      |
| 82-1(b)   | 90-Day Feeding Study in the Non-Rodent     | 44617724     | 707       | OWN    |      |
| 82-2  | 21-Day Dermal                              | 44617725     | 707       | OWN    |      |
| 82-3  | 90-Day Subchronic Dermal                   | 44617803     | 707       | OWN    |      |
| 83-1(b)   | Chronic Feeding Study in the Non-Rodent    | 44617728     | 707       | OWN    |      |
| 83-2(b)   | Oncogenicity Study in the Mouse            | 44617729     | 707       | OWN    |      |
| 83-2(b)   | Oncogenicity Study in the Mouse            | 44617730     | 707       | OWN    |      |
| 83-3(a)   | Teratogenicity in the Rat                  | 44638201     | 707       | OWN    |      |
| 83-3(b)   | Teratogenicity in the Rabbit               | 44617726     | 707       | OWN    |      |
| 83-4  | 2-Generation Reproduction Study in the Rat | 44617727     | 707       | OWN    |      |
| 83-5  | Chronic Feeding/Oncogenicity in the Rat    | 44617731     | 707       | OWN    |      |
| 083-5   | Chronic Feeding/Oncogenicity in the Rat    | 44617732     | 707       | OWN    |      |
| 84-2  | Gene Mutation                              | 44617734     | 707       | OWN    |      |
| 84-2  | Gene Mutation                              | 44617801     | 707       | OWN    |      |



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

491 N Street S.W.

Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

## DATA MATRIX

|   |                                  |             |              |        |      |
|---|----------------------------------|-------------|--------------|--------|------|
| Date September 10, 2012   | EPA Reg No./File Symbol          | 62719-XXX   |              |        |      |
| Applicant's/Registrant's Name & Address<br><b>Dow AgroSciences LLC</b><br><b>9330 Zionsville Road</b><br><b>Indianapolis, IN 46268-1054</b> | Product                          | GF-2986     | Page 5 of 31 |        |      |
| Ingredient  | Methoxyfenozide, Spinosad        |             |              |        |      |
| Guideline Reference   | Guideline Study Name             | MRID Number | Submitter    | Status | Note |
| 84-2  | Gene Mutation                    | 44144428    | 707          | OWN    |      |
| 84-2  | Gene Mutation                    | 44617733    | 707          | OWN    |      |
| 84-2(b)   | Structural Chromosome Aberration | 44617735    | 707          | OWN    |      |
| 85-1  | General Metabolism               | 44617804    | 707          | OWN    |      |
| 85-2  | Dermal Penetration (Rats)        | 44638202    | 707          | OWN    |      |
| 124-2   | Aquatic Field                    | 44617718    | 707          | OWN    |      |
| 132-1(a)  | Foliar Residue Dissipation       | 44626313    | 707          | OWN    |      |
| 141-1   | Honey Bee Acute Toxicity         | 44144429    | 707          | OWN    |      |
| 141-1   | Honey Bee Acute Toxicity         | 44617717    | 707          | OWN    |      |
| 850.3020  | Honey Bee Acute Toxicity         | 45065501    | 707          | OWN    |      |
| 161-1   | Hydrolysis                       | 44144430    | 707          | OWN    |      |
| 161-2   | Photodegradation in Water        | 44144431    | 707          | OWN    |      |
| 161-2   | Photodegradation in Water        | 44617805    | 707          | OWN    |      |
| 161-3   | Photodegradation on Soil         | 44617806    | 707          | OWN    |      |
| 161-4   | Photodegradation in Air          | Admin.      | 707          | OWN    |      |
| 162-1   | Aerobic Soil Metabolism          | 44144432    | 707          | OWN    |      |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|   |  |                                   |           |              |      |
|---|--|-----------------------------------|-----------|--------------|------|
| Date September 10, 2012   |  | EPA Reg No./File Symbol 62719-XXX |           |              |      |
| Applicant's/Registrant's Name & Address<br><b>Dow AgroSciences LLC</b><br><b>9330 Zionsville Road</b><br><b>Indianapolis, IN 46268-1054</b> |  | Product<br><b>GF-2986</b>         |           | Page 6 of 31 |      |
| Ingredient Methoxyfenozide, Spinosad  |  |                                   |           |              |      |
| Guideline Reference   | Guideline Study Name                   | MRID Number                       | Submitter | Status       | Note |
| 162-1   | Aerobic Soil Metabolism                | 44617807                          | 707       | OWN          |      |
| 162-1   | Aerobic Soil Metabolism                | 44617808                          | 707       | OWN          |      |
| 162-3   | Anaerobic Aquatic Metabolism Study     | 44617810                          | 707       | OWN          |      |
| 162-4   | Aerobic Aquatic Metabolism             | 44617809                          | 707       | OWN          |      |
| 163-1   | Leaching and Adsorption/Desorption     | 44144433                          | 707       | OWN          |      |
| 163-2   | Laboratory Volatility                  | Admin.                            | 707       | OWN          |      |
| 164-1   | Soil Field Dissipation                 | 44626307                          | 707       | OWN          |      |
| 164-1   | Soil Field Dissipation                 | 44617811                          | 707       | OWN          |      |
| 164-1   | Soil Field Dissipation                 | 44617812                          | 707       | OWN          |      |
| 164-1   | Soil Field Dissipation                 | 45702701                          | 62719     | OWN          |      |
| 165-1   | Confined Rotational Crop Study         | 44617832                          | 62719     | OWN          |      |
| 860.1900  | Field Accumulation in Rotational Crops | 45194704                          | 62719     | OWN          |      |
| 860.1900  | Field Accumulation in Rotational Crops | 45870502                          | 62719     | OWN          |      |
| 860.1900  | Field Accumulation in Rotational Crops | 46018001                          | 62719     | OWN          |      |
| 165-4   | Accumulation in Fish                   | 44617813                          | 707       | OWN          |      |
| 860   | Residue Chemistry                      | IR-4                              | 62719     | OWN          |      |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|   |                           |              |           |        |      |
|---|---------------------------|--------------|-----------|--------|------|
| Date September 10, 2012   | EPA Reg No./File Symbol   | 62719-XXX    |           |        |      |
| Applicant's/Registrant's Name & Address<br><b>Dow AgroSciences LLC</b><br><b>9330 Zionsville Road</b><br><b>Indianapolis, IN 46268-1054</b> | Product<br><b>GF-2986</b> | Page 7 of 31 |           |        |      |
| Ingredient Methoxyfenozide, Spinosad  |                           |              |           |        |      |
| Guideline Reference   | Guideline Study Name      | MRID Number  | Submitter | Status | Note |
| 860   | Residue Chemistry         | PP 3E6768    | 62719     | OWN    |      |
| 860   | Residue Chemistry         | PP 3E6784    | 62719     | OWN    |      |
| 860   | Residue Chemistry         | PP 3E6796    | 62719     | OWN    |      |
| 860   | Residue Chemistry         | PP 3E6790    | 62719     | OWN    |      |
| 860   | Residue Chemistry         | PP 3E6790    | 62719     | OWN    |      |
| 860   | Residue Chemistry         | PP 3E6790    | 62719     | OWN    |      |
| 860   | Residue Chemistry         | PP 3E6801    | 62719     | OWN    |      |
| 860   | Residue Chemistry         | PP 3E6801    | 62719     | OWN    |      |
| 860   | Residue Chemistry         | PP 3E6801    | 62719     | OWN    |      |
| 860   | Residue Chemistry         | PP 3E6801    | 62719     | OWN    |      |
| 860   | Residue Chemistry         | PP 3E6534    | 62719     | OWN    |      |
| 860   | Residue Chemistry         | IR-4         | 62719     | OWN    |      |
| 860   | Residue Chemistry         | PP 3E6534    | 62719     | OWN    |      |
| 860   | Residue Chemistry         | PP 3E6528    | 62719     | OWN    |      |
| 860   | Residue Chemistry         | 46879001     | 62719     | OWN    |      |
| 860   | Residue Chemistry         | 46879002     | 62719     | OWN    |      |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|   |                                    |              |           |        |      |
|---|------------------------------------|--------------|-----------|--------|------|
| Date September 10, 2012   | EPA Reg No./File Symbol            | 62719-XXX    |           |        |      |
| Applicant's/Registrant's Name & Address<br><b>Dow AgroSciences LLC</b><br><b>9330 Zionsville Road</b><br><b>Indianapolis, IN 46268-1054</b> | Product<br><b>GF-2986</b>          | Page 8 of 31 |           |        |      |
| Ingredient <b>Methoxyfenozide, Spinosad</b>   |                                    |              |           |        |      |
| Guideline Reference   | Guideline Study Name               | MRID Number  | Submitter | Status | Note |
| 860   | Residue Chemistry                  | 46879003     | 62719     | OWN    |      |
| 860   | Residue Chemistry                  | 46879004     | 62719     | OWN    |      |
| 860   | Residue Chemistry                  | 46879005     | 62719     | OWN    |      |
| 171-4(a)  | Nature of Residue in Plants        | 44617816     | 707       | OWN    |      |
| 171-4(a)  | Nature of Residue in Plants        | 44617817     | 707       | OWN    |      |
| 171-4(a)  | Nature of Residue in Plants        | 44617818     | 707       | OWN    |      |
| 860.1300  | Nature of Residue in Plants        | 44873405     | 707       | OWN    |      |
| 171-4(b)  | Nature of Residue in Livestock     | 44617819     | 707       | OWN    |      |
| 171-4(b)  | Nature of Residue in Livestock     | 44617820     | 707       | OWN    |      |
| 171-4(c)  | Residue Analytical Method (Plants) | 44617821     | 707       | OWN    |      |
| 171-4(c)  | Residue Analytical Method (Plant)  | 44617822     | 707       | OWN    |      |
| 171-4(c)  | Residue Analytical Method (Plant)  | 44626303     | 707       | OWN    |      |
| 171-4(c)  | Residue Analytical Method (Plant)  | 44626304     | 707       | OWN    |      |
| 171-4(c)  | Residue Analytical Method (Plant)  | 44617814     | 707       | OWN    |      |
| 171-4(c)  | Residue Analytical Method (Plant)  | 44617815     | 707       | OWN    |      |
| 171-4(c)  | Residue Analytical Method (Plant)  | 44617823     | 707       | OWN    |      |





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|   |                                   |              |           |        |      |
|---|-----------------------------------|--------------|-----------|--------|------|
| Date September 10, 2012   | EPA Reg No./File Symbol           | 62719-XXX    |           |        |      |
| Applicant's/Registrant's Name & Address<br><b>Dow AgroSciences LLC</b><br><b>9330 Zionsville Road</b><br><b>Indianapolis, IN 46268-1054</b> | Product<br><b>GF-2986</b>         | Page 9 of 31 |           |        |      |
| Ingredient  | Methoxyfenozide, Spinosad         |              |           |        |      |
| Guideline Reference   | Guideline Study Name              | MRID Number  | Submitter | Status | Note |
| 171-4(c)  | Residue Analytical Method (Plant) | 44617824     | 707       | OWN    |      |
| 171-4(c)  | Residue Analytical Method (Plant) | 44617828     | 707       | OWN    |      |
| 860.1340  | Residue Analytical Method         | 44873410     | 707       | OWN    |      |
| 860.1340  | Residue Analytical Method         | 44873411     | 707       | OWN    |      |
| 860.1340  | Residue Analytical Method         | 45194701     | 707       | OWN    |      |
| 860.1340  | Residue Analytical Method         | 45194702     | 707       | OWN    |      |
| 860.1340  | Residue Analytical Method         | 45213502     | 707       | OWN    |      |
| 860.1340  | Residue Analytical Method         | 45213503     | 707       | OWN    |      |
| 860.1340  | Residue Analytical Method         | 45213504     | 707       | OWN    |      |
| 860.1340  | Residue Analytical Method         | 45313302     | 707       | OWN    |      |
| 860.1340  | Residue Analytical Method         | 45313303     | 707       | OWN    |      |
| 860.1340  | Residue Analytical Method         | 45373502     | 707       | OWN    |      |
| 860.1340  | Residue Analytical Method         | 45373503     | 707       | OWN    |      |
| 860.1340  | Residue Analytical Method         | Admin.       | 707       | OWN    |      |
| 860.1340  | Residue Analytical Method         | 46018003     | 62719     | OWN    |      |
| 860.1340  | Residue Analytical Method         | 46018005     | 62719     | OWN    |      |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|   |                                     |                           |           |               |      |
|---|-------------------------------------|---------------------------|-----------|---------------|------|
| Date September 10, 2012   | EPA Reg No./File Symbol             | 62719-XXX                 |           |               |      |
| Applicant's/Registrant's Name & Address<br><b>Dow AgroSciences LLC</b><br><b>9330 Zionsville Road</b><br><b>Indianapolis, IN 46268-1054</b> |                                     | Product<br><b>GF-2986</b> |           | Page 10 of 31 |      |
| Ingredient Methoxyfenozide, Spinosad  |                                     |                           |           |               |      |
| Guideline Reference   | Guideline Study Name                | MRID Number               | Submitter | Status        | Note |
| 860.1340  | Residue Analytical Method           | 46018002                  | 62719     | OWN           |      |
| 860.1340  | Residue Analytical Method           | 46018004                  | 62719     | OWN           |      |
| 171-4(d)  | Residue Analytical Method (Animal)  | 44626305                  | 707       | OWN           |      |
| 171-4(d)  | Residue Analytical Methods (Animal) | 44689101                  | 707       | OWN           |      |
| 860.1340  | Residue Analytical Method           | 45213505                  | 707       | OWN           |      |
| 860.1340  | Residue Analytical Method           | 45213506                  | 707       | OWN           |      |
| 171-4(e)  | Storage Stability of Residues       | 44617825                  | 707       | OWN           |      |
| 171-4(e)  | Storage Stability                   | 44617826                  | 707       | OWN           |      |
| 171-4(e)  | Storage Stability                   | 44617827                  | 707       | OWN           |      |
| 171-4(e)  | Storage Stability                   | 44626306                  | 707       | OWN           |      |
| 171-4(e)  | Storage Stability                   | 44689102                  | 707       | OWN           |      |
| 860.1380  | Storage Stability Data              | 44873409                  | 707       | OWN           |      |
| 860.1380  | Storage Stability Data              | 44924302                  | 707       | OWN           |      |
| 860.1380  | Storage Stability Data              | 45194703                  | 707       | OWN           |      |
| 860.1380  | Storage Stability Data              | 45213507                  | 707       | OWN           |      |
| 860.1380  | Storage Stability Data              | 45213508                  | 707       | OWN           |      |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|   |                                   |               |           |        |      |
|---|-----------------------------------|---------------|-----------|--------|------|
| Date September 10, 2012   | EPA Reg No./File Symbol 62719-XXX |               |           |        |      |
| Applicant's/Registrant's Name & Address<br><b>Dow AgroSciences LLC</b><br><b>9330 Zionsville Road</b><br><b>Indianapolis, IN 46268-1054</b> | Product<br><b>GF-2986</b>         | Page 11 of 31 |           |        |      |
| Ingredient Methoxyfenozide, Spinosad  |                                   |               |           |        |      |
| Guideline Reference   | Guideline Study Name              | MRID Number   | Submitter | Status | Note |
| 860.1380  | Storage Stability Data            | 45213509      | 707       | OWN    |      |
| 860.1380  | Storage Stability Data            | 45213510      | 707       | OWN    |      |
| 860.1380  | Storage Stability Data            | 45213511      | 707       | OWN    |      |
| 171-4(j)  | Magnitude of Residue in Meat/Milk | 44626308      | 707       | OWN    |      |
| 860.1480  | Meat/Milk/Poultry/Eggs            | 45213512      | 707       | OWN    |      |
| 171-4(j)  | Meat/Milk/Poultry/Eggs            | Admin.        | 707       | OWN    |      |
| 171-4(k)  | Crop Field Trials                 | 44617829      | 707       | OWN    |      |
| 171-4(k)  | Crop Field Trials                 | 44617830      | 707       | OWN    |      |
| 171-4(k)  | Crop Field Trials                 | 44626309      | 707       | OWN    |      |
| 171-4(k)  | Crop Field Trials                 | 44626310      | 707       | OWN    |      |
| 171-4(k)  | Crop Field Trials                 | 44626312      | 707       | OWN    |      |
| 860.1500  | Crop Field Trials                 | 44848608      | 707       | OWN    |      |
| 860.1500  | Crop Field Trials                 | 44848609      | 707       | OWN    |      |
| 860.1500  | Crop Field Trials                 | 44848610      | 707       | OWN    |      |
| 860.1500  | Crop Field Trials                 | 44873407      | 707       | OWN    |      |
| 860.1500  | Crop Field Trials                 | 44873408      | 707       | OWN    |      |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|  |   |               |           |        |      |
|--|---|---------------|-----------|--------|------|
| Date September 10, 2012  | EPA Reg No./File Symbol 62719-XXX           |               |           |        |      |
| Applicant's/Registrant's Name & Address<br>Dow AgroSciences LLC<br>9330 Zionsville Road<br>Indianapolis, IN 46268-1054 | Product<br>GF-2986                          | Page 12 of 31 |           |        |      |
| Ingredient Methoxyfenozide, Spinosad   |   |               |           |        |      |
| Guideline Reference  | Guideline Study Name                        | MRID Number   | Submitter | Status | Note |
| 860.1500   | Crop Field Trials                           | 44924303      | 707       | OWN    |      |
| 860.1500   | Crop Field Trials                           | 44924304      | 707       | OWN    |      |
| 860.1500   | Crop Field Trials                           | 45213514      | 707       | OWN    |      |
| 860.1500   | Crop Field Trials                           | 45313304      | 707       | OWN    |      |
| 860.1500   | Crop Field Trials                           | 45373504      | 707       | OWN    |      |
| 860.1500   | Crop Field Trials                           | 45870501      | 62719     | OWN    |      |
| 171-4(l)   | Magnitude of Residue in Processed Food/Feed | 44617831      | 707       | OWN    |      |
| 171-4(l)   | Magnitude of Residue in Processed Food/Feed | 44626311      | 707       | OWN    |      |
| 860.1520   | Processed Food/Feed                         | 44873406      | 707       | OWN    |      |
| 860.1520   | Processed Food/Feed                         | 45213513      | 707       | OWN    |      |
| 860.1520   | Processed Food/Feed                         | 45213514      | 707       | OWN    |      |
| 860.1520   | Processed Food/Feed                         | 44873406      | 707       | OWN    |      |
| 860.1520   | Processed Food/Feed                         | 45213513      | 707       | OWN    |      |
| 860.1520   | Processed Food/Feed                         | 45213514      | 707       | OWN    |      |
| 860.1360   | Multiresidue Method                         | 46039301      | 707       | OWN    |      |
| 860.1500   | Residue Chemistry                           | 46153802      | 62719     | OWN    |      |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|   |  |               |           |        |      |
|---|--|---------------|-----------|--------|------|
| Date September 10, 2012   | EPA Reg No./File Symbol  | 62719-XXX     |           |        |      |
| Applicant's/Registrant's Name & Address<br><b>Dow AgroSciences LLC</b><br><b>9330 Zionsville Road</b><br><b>Indianapolis, IN 46268-1054</b> | Product<br><b>GF-2986</b>  | Page 13 of 31 |           |        |      |
| Ingredient  | Methoxyfenozide, Spinosad  |               |           |        |      |
| Guideline Reference   | Guideline Study Name   | MRID Number   | Submitter | Status | Note |
| 860.1440  | Proposed Tolerance   | PP3F6794      | 62719     | OWN    |      |
| 860.1560  |  |               |           |        |      |
| 81-8  | Acute Delayed Neurotoxicity  | 44617802      | 707       | OWN    |      |
| 171-6   | Proposed Tolerance   | ADMIN         | 707       | OWN    |      |
| 171-6   | Proposed Tolerance   | Admin.        | 707       | OWN    |      |
| 171-6   | Proposed Tolerance   | Admin.        | 707       | OWN    |      |
| N/A   | RH-2485 240 SC Toxicity Test Results with the Mayfly, Baetis tricaudatus   | 45702703      | 707       | OWN    |      |
| N/A   | INTREPID 80WSP Agricultural Insecticide - Reduced Risk Rationale - COTTON  | 44617701      | 707       | OWN    |      |
| N/A   | Toxicology Summary of RH-2485 Technical (Methoxyfenozide) and Intrepid 80 WSP Agricultural Insecticide                           | 44617702      | 707       | OWN    |      |
| N/A   | Intrepid 80WSP Agricultural Insecticide: Consumer and Worker Risk Assessment for Use on Pome Fruit and                           | 44617703      | 707       | OWN    |      |
| N/A   | Ecological Hazard Evaluation and Risk Assessment of Methoxyfenozide (RH-112,485) for Cotton Application                          | 44617704      | 707       | OWN    |      |
| N/A   | PRZM Leaching Assessment of RH-2485 for Pome Fruit and Cotton Applications   | 44617705      | 707       | OWN    |      |
| N/A   | PRZM Leaching Assessment: A Comparative Analysis of RH-2485 with Commonly Used Cotton and Apple Insecticides and Corn Herbicides | 44617706      | 707       | OWN    |      |
| N/A   | A Comparison of the Leaching Vulnerability of Soils Associated with Apples, Cotton and Corn                                      | 44617707      | 707       | OWN    |      |
| N/A   | RH-2485 Technical and INTREPID 80 WSP Agricultural Insecticide D and J, Summary of Residue,                                      | 44617708      | 707       | OWN    |      |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|   |  |             |               |        |      |
|---|--|-------------|---------------|--------|------|
| Date September 10, 2012   | EPA Reg No./File Symbol  | 62719-XXX   |               |        |      |
| Applicant's/Registrant's Name & Address<br><b>Dow AgroSciences LLC</b><br><b>9330 Zionsville Road</b><br><b>Indianapolis, IN 46268-1054</b> | Product<br><b>GF-2986</b>  |             | Page 14 of 31 |        |      |
| Ingredient  | Methoxyfenozide, Spinosad  |             |               |        |      |
| Guideline Reference   | Guideline Study Name   | MRID Number | Submitter     | Status | Note |
| N/A   | Environmental Fate of RH-112485 in Soil: A Discussion of the Persistence and Mobility                                  | 44617709    | 707           | OWN    |      |
| N/A   | RH-112,485 Technical An Acute Toxicity Study With The Earthworm in an Artificial Soil Substrate                        | 44617719    | 707           | OWN    |      |
| N/A   | INTREPID 80WSP Agricultural Insecticide - Reduced Risk Rationale - Pome Fruit  | 44626301    | 707           | OWN    |      |
| N/A   | Ecological Hazard Evaluation and Risk Assessment of Methoxyfenozide (RH-112,485) for Pomefruit                         | 44626302    | 707           | OWN    |      |
| N/A   | INTREPID/RUNNER 80WSP and INTREPID/RUNNER 2F Agricultural Insecticides -   | 44873401    | 707           | OWN    |      |
| N/A   | RH-2485 Technical: Blood Recovery Study in Dogs  | 44873404    | 707           | OWN    |      |
| N/A   | Intrepid/Runner 80WSP and Intrepid/Runner 2F Agricultural Insecticides - Reduced Risk Rational -                       | 44924301    | 707           | OWN    |      |
| N/A   | Comparative GENECC Tier I Aquatic Risk Assessment Methoxyfenozide and Competitor Insecticides                          | 44967901    | 707           | OWN    |      |
| N/A   | Public Interest Document for INTREPID/RUNNER Insecticide (Methoxyfenozide): Part I: Pome Fruit,                        | 45023201    | 707           | OWN    |      |
| N/A   | INTREPID 80WSP and INTREPID 2F Agricultural Insecticides - Reduced Risk Rationale - Sweet Corn and                     | 45213501    | 707           | OWN    |      |
| N/A   | INTREPID 80WSP AND INTREPID 2F Agricultural Insecticides - Reduced Risk Rationale - Stone Fruit                        | 45313301    | 707           | OWN    |      |
| N/A   | INTREPID 80WSP and INTREPID 2F Agricultural Insecticides - Reduced Risk Rationale - Tree Nuts                          | 45373501    | 707           | OWN    |      |
| N/A   | INTREPID Agricultural Insecticide (Methoxyfenozide): Justification for Tree Nut Use Label without Grazing Restrictions | 45373505    | 707           | OWN    |      |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|   |   |             |               |        |      |
|---|---|-------------|---------------|--------|------|
| Date September 10, 2012   | EPA Reg No./File Symbol   | 62719-XXX   |               |        |      |
| Applicant's/Registrant's Name & Address<br><b>Dow AgroSciences LLC</b><br><b>9330 Zionsville Road</b><br><b>Indianapolis, IN 46268-1054</b> | Product<br><b>GF-2986</b>   |             | Page 15 of 31 |        |      |
| Ingredient  | Methoxyfenozide, Spinosad   |             |               |        |      |
| Guideline Reference   | Guideline Study Name  | MRID Number | Submitter     | Status | Note |
| N/A   | Determination of Buffer Zone Distances for Ground and Aerial Applications of Methoxyfenozide Using AgDRIFT Modeling   | 45409401    | 707           | OWN    |      |
| N/A   | INTREPID 80WSP Agricultural Insecticide: Request for 4-Hour Reentry Interval under PR Notice 95-3 for Worker Protection   | Admin.      | 707           | OWN    |      |
| N/A   | Methoxyfenozide - Reduced Risk Rationale - Soybeans Follow-On Submission  | 46153801    | 62719         | OWN    |      |
| N/A   | Surface Water and Sediment Monitoring for Methoxyfenozide Site Selection Report   | 48413501    | 62719         | OWN    |      |
| N/A   | Methoxyfenozide: Effects on Honeybee brood (Apis mellifera) Development (Draft Study Protocol)  | 48350501    | 62719         | OWN    |      |
| N/A   | Surface Water and Sediment Monitoring for Methoxyfenozide: Addendum to the Site Selection Report with Proposed Sampling Sites for Lotic and Lentic Bodies in Mississippi    | 48732901    | 62719         | OWN    |      |
| N/A   | Immunotoxicity  | 48592601    | 62719         | OWN    |      |
| N/A   | Surface Water and Sediment Monitoring for Methoxyfenozide: Addendum to the Site Selection Report with Proposed Sampling Sites for Lotic and Lentic Water Bodies in Michigan | 48771501    | 62719         | OWN    |      |
| Spinosad Generic  |   |             |               |        |      |
| Series 61   | Product Identity and Composition  | 43450304    | 62719         | OWN    |      |
| 830.1550  | Product Identity and Composition  | 44521801    | 62719         | OWN    |      |
| 830.1620  | Description of Production Process   | 44521801    | 62719         | OWN    |      |
| 830.1670  | Discussion of Formation of Impurities   | 44521801    | 62719         | OWN    |      |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|   |   |             |               |        |      |
|---|---|-------------|---------------|--------|------|
| Date September 10, 2012   | EPA Reg No./File Symbol                       | 62719-XXX   |               |        |      |
| Applicant's/Registrant's Name & Address<br><b>Dow AgroSciences LLC</b><br><b>9330 Zionsville Road</b><br><b>Indianapolis, IN 46268-1054</b> | Product<br><b>GF-2986</b>                     |             | Page 16 of 31 |        |      |
| Ingredient  | Methoxyfenozide, Spinosad                     |             |               |        |      |
| Guideline Reference   | Guideline Study Name                          | MRID Number | Submitter     | Status | Note |
| 830.1750  | Certified Limits                              | 44521801    | 62719         | OWN    |      |
| 830.1800  | Enforcement Analytical Method                 | 44521801    | 62719         | OWN    |      |
| Series 62   | Product Analysis and Certification            | 43450305    | 62719         | OWN    |      |
| Series 63   | Physical and Chemical Characteristics         | 43450306    | 62719         | OWN    |      |
| 830.6317  | Storage Stability                             | 45310601    | 62719         | OWN    |      |
| 830.6320  | Corrosion Characteristics                     | 45310601    | 62719         | OWN    |      |
| 71-1  | Avian Oral LD <sub>50</sub>                   | 43414528    | 62719         | OWN    |      |
| 71-1  | Avian Oral LD <sub>50</sub>                   | 43414529    | 62719         | OWN    |      |
| 71-1  | Avian Oral LD <sub>50</sub>                   | 43571201    | 62719         | OWN    |      |
| 71-2  | Avian Dietary LC <sub>50</sub>                | 43414530    | 62719         | OWN    |      |
| 71-2  | Avian Dietary LC <sub>50</sub>                | 43414531    | 62719         | OWN    |      |
| 71-4(a)   | Avian Reproductive Toxicity in Bobwhite Quail | 43414533    | 62719         | OWN    |      |
| 71-4(b)   | Avian Reproductive Toxicity in Mallard Duck   | 43414532    | 62719         | OWN    |      |
| 72-1  | Freshwater Fish LC <sub>50</sub>              | 43444103    | 62719         | OWN    |      |
| 72-1  | Freshwater Fish LC <sub>50</sub>              | 43414534    | 62719         | OWN    |      |
| 72-1  | Freshwater Fish LC <sub>50</sub>              | 43770703    | 62719         | OWN    |      |





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|  |   |             |               |        |      |
|--|---|-------------|---------------|--------|------|
| Date September 10, 2012  | EPA Reg No./File Symbol 62719-XXX                         |             |               |        |      |
| Applicant's/Registrant's Name & Address<br>Dow AgroSciences LLC<br>9330 Zionsville Road<br>Indianapolis, IN 46268-1054 | Product<br>GF-2986  |             | Page 17 of 31 |        |      |
| Ingredient Methoxyfenozide, Spinosad   |   |             |               |        |      |
| Guideline Reference  | Guideline Study Name                                      | MRID Number | Submitter     | Status | Note |
| 72-2   | Acute LC <sub>50</sub> Freshwater Invertebrates           | 43414537    | 62719         | OWN    |      |
| 72-2   | Acute LC <sub>50</sub> Freshwater Invertebrates           | 43571202    | 62719         | OWN    |      |
| 72-2(c)  | Invertebrate Toxicity Freshwater LC <sub>50</sub>         | 44597731    | 62719         | OWN    |      |
| 72-3   | Acute LC <sub>50</sub> Estuarine and Marine Organisms     | 43414539    | 62719         | OWN    |      |
| 72-3   | Acute LC <sub>50</sub> Estuarine and Marine Organisms     | 43444104    | 62719         | OWN    |      |
| 72-3   | Acute LC <sub>50</sub> Estuarine and Marine Organisms     | 43414540    | 62719         | OWN    |      |
| 72-3   | Acute LC <sub>50</sub> Estuarine and Marine Organisms     | 43571203    | 62719         | OWN    |      |
| 72-4   | Fish Early Life Stage and Aquatic Invertebrate Life Cycle | 43414541    | 62719         | OWN    |      |
| 72-4   | Fish Early Life Stage and Aquatic Invertebrate Life Cycle | 43848801    | 62719         | OWN    |      |
| 72-4(a)  | Early Life Stage in Fish                                  | 44420601    | 62719         | OWN    |      |
| 72-4(b)  | Life Cycle in Aquatic Invertebrates                       | 44420602    | 62719         | OWN    |      |
| 72-6   | Aquatic Organism Accumulation                             | 44597734    | 62719         | OWN    |      |
| 81-1   | Acute Oral Toxicity                                       | 43414515    | 62719         | OWN    |      |
| 81-1   | Acute Oral Toxicity                                       | 43770701    | 62719         | OWN    |      |
| 81-1   | Acute Oral Toxicity                                       | 45735601    | 62719         | OWN    |      |
| 81-2   | Acute Dermal Toxicity                                     | 43414516    | 62719         | OWN    |      |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|   |  |             |               |        |      |
|---|--|-------------|---------------|--------|------|
| Date September 10, 2012   | EPA Reg No./File Symbol                | 62719-XXX   |               |        |      |
| Applicant's/Registrant's Name & Address<br><b>Dow AgroSciences LLC</b><br><b>9330 Zionsville Road</b><br><b>Indianapolis, IN 46268-1054</b> | Product<br><b>GF-2986</b>              |             | Page 18 of 31 |        |      |
| Ingredient  | Methoxyfenozide, Spinosad              |             |               |        |      |
| Guideline Reference   | Guideline Study Name                   | MRID Number | Submitter     | Status | Note |
| 81-2  | Acute Dermal Toxicity                  | 44596203    | 62719         | OWN    |      |
| 81-3  | Acute Inhalation Toxicity              | 43414517    | 62719         | OWN    |      |
| 81-4  | Primary Eye Irritation                 | 43414518    | 62719         | OWN    |      |
| 81-5  | Primary Dermal Irritation              | 43414519    | 62719         | OWN    |      |
| 81-6  | Dermal Sensitization                   | 43414520    | 62719         | OWN    |      |
| 81-8  | Acute Delayed Neurotoxicity in the Rat | 43557501    | 62719         | OWN    |      |
| 82-1  | 90-Day Feeding                         | 43444102    | 62719         | OWN    |      |
| 82-1  | 90-Day Feeding                         | 43566601    | 62719         | OWN    |      |
| 82-1  | 90-Day Feeding                         | 43566602    | 62719         | OWN    |      |
| 82-1  | 90-Day Feeding                         | 43557502    | 62719         | OWN    |      |
| 82-2  | 21-Day Dermal                          | 43557503    | 62719         | OWN    |      |
| 82-2  | 21-Day Dermal                          | 43701502    | 62719         | OWN    |      |
| 82-7  | 13-Week Dietary/Neurotoxicity in Rats  | 43557504    | 62719         | OWN    |      |
| 83-1  | Chronic Feeding                        | 43701503    | 62719         | OWN    |      |
| 83-1  | Chronic Feeding                        | 43701504    | 62719         | OWN    |      |
| 83-2  | Oncogenicity                           | 43701505    | 62719         | OWN    |      |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|   |  |                           |           |               |      |
|---|--|---------------------------|-----------|---------------|------|
| Date September 10, 2012   | EPA Reg No./File Symbol 62719-XXX              |                           |           |               |      |
| Applicant's/Registrant's Name & Address<br><b>Dow AgroSciences LLC</b><br><b>9330 Zionsville Road</b><br><b>Indianapolis, IN 46268-1054</b> |  | Product<br><b>GF-2986</b> |           | Page 19 of 31 |      |
| Ingredient Methoxyfenozide, Spinosad  |  |                           |           |               |      |
| Guideline Reference   | Guideline Study Name                           | MRID Number               | Submitter | Status        | Note |
| 83-2  | Oncogenicity                                   | 44123601                  | 62719     | OWN           |      |
| 83-3(a)   | Teratogenicity in the Rat                      | 43557505                  | 62719     | OWN           |      |
| 83-3(b)   | Teratogenicity in the Rabbit                   | 43414521                  | 62719     | OWN           |      |
| 83-4  | 2-Generation Reproduction Study in the Rat     | 43701506                  | 62719     | OWN           |      |
| 83-5  | Chronic Feeding/<br>Oncogenicity in the Rat    | 43701507                  | 62719     | OWN           |      |
| 84-2  | Gene Mutation                                  | 43414522                  | 62719     | OWN           |      |
| 84-2  | Gene Mutation                                  | 43414523                  | 62719     | OWN           |      |
| 84-4  | Other Genotoxic Effects                        | 43414524                  | 62719     | OWN           |      |
| 84-4  | Other Genotoxic Effects                        | 43414525                  | 62719     | OWN           |      |
| 84-4  | Other Genotoxic Effects                        | 43414526                  | 62719     | OWN           |      |
| 85-1  | General Metabolism                             | 43701508                  | 62719     | OWN           |      |
| 85-1  | General Metabolism                             | 43701509                  | 62719     | OWN           |      |
| 85-1  | General Metabolism                             | 43701510                  | 62719     | OWN           |      |
| 122-1   | Tier I Seed Germination/<br>Seedling Emergence | 43848802                  | 62719     | OWN           |      |
| 122-1   | Tier I Seed Germination/<br>Seedling Emergence | 44597732                  | 62719     | OWN           |      |
| 122-2   | Tier I Aquatic Plant Growth                    | 43414542                  | 62719     | OWN           |      |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|  |   |             |           |        |               |
|--|---|-------------|-----------|--------|---------------|
| Date September 10, 2012  | EPA Reg No./File Symbol 62719-XXX           |             |           |        |               |
| Applicant's/Registrant's Name & Address<br>Dow AgroSciences LLC<br>9330 Zionsville Road<br>Indianapolis, IN 46268-1054 | Product<br>GF-2986                          |             |           |        | Page 20 of 31 |
| Ingredient Methoxyfenozide, Spinosad   |   |             |           |        |               |
| Guideline Reference  | Guideline Study Name                        | MRID Number | Submitter | Status | Note          |
| 123-2  | Tier II Aquatic Plant Growth                | 43414546    | 62719     | OWN    |               |
| 123-2  | Tier II Aquatic Plant Growth                | 43414544    | 62719     | OWN    |               |
| 123-2  | Tier II Aquatic Plant Growth                | 43414545    | 62719     | OWN    |               |
| 123-2  | Tier II Aquatic Plant Growth                | 43414543    | 62719     | OWN    |               |
| 141-1  | Honey Bee Acute Contact (LD <sub>50</sub> ) | 43414547    | 62719     | OWN    |               |
| 141-1  | Honey Bee Acute Contact (LD <sub>50</sub> ) | 45340801    | 62719     | OWN    |               |
| 141-2  | Honey Bee Toxicity of Residues on Foliage   | 44420603    | 62719     | OWN    |               |
| 141-2  | Honey Bee Toxicity of Residues on Foliage   | 45007701    | 62719     | OWN    |               |
| 850.3040 (141-5)   | Field Testing for Pollinators               | 45007702    | 62719     | OWN    |               |
| 141-5  | Field Testing for Pollinators               | 45007703    | 62719     | OWN    |               |
| 141-5  | Field Testing for Pollinators               | 45007704    | 62719     | OWN    |               |
| 143-1  | Non-Target Insect Testing                   | 43444105    | 62719     | OWN    |               |
| 143-2  | Non-Target Insect Testing                   | 43444105    | 62719     | OWN    |               |
| 161-1  | Hydrolysis                                  | 43507301    | 62719     | OWN    |               |
| 161-2  | Photodegradation in Water                   | 43507302    | 62719     | OWN    |               |
| 161-3  | Photodegradation on Soil                    | 43507303    | 62719     | OWN    |               |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|   |                                    |                                   |           |               |      |
|---|------------------------------------|-----------------------------------|-----------|---------------|------|
| Date September 10, 2012   |                                    | EPA Reg No./File Symbol 62719-XXX |           |               |      |
| Applicant's/Registrant's Name & Address<br><b>Dow AgroSciences LLC</b><br><b>9330 Zionsville Road</b><br><b>Indianapolis, IN 46268-1054</b> |                                    | Product<br><b>GF-2986</b>         |           | Page 21 of 31 |      |
| Ingredient Methoxyfenozide, Spinosad  |                                    |                                   |           |               |      |
| Guideline Reference   | Guideline Study Name               | MRID Number                       | Submitter | Status        | Note |
| 161-3   | Photodegradation on Soil           | 44597733                          | 62719     | OWN           |      |
| 162-1   | Aerobic Soil Metabolism            | 43507304                          | 62719     | OWN           |      |
| 162-3   | Anaerobic Aquatic Metabolism       | 43507305                          | 62719     | OWN           |      |
| 162-1   | Aerobic Soil Metabolism            | 44420604                          | 62719     | OWN           |      |
| 162-3   | Anaerobic Aquatic Metabolism       | 44420604                          | 62719     | OWN           |      |
| 162-1   | Aerobic Soil Metabolism            | 43816601                          | 62719     | OWN           |      |
| 162-3   | Anaerobic Aquatic Metabolism       | 43816601                          | 62719     | OWN           |      |
| 163-1   | Leaching and Adsorption/Desorption | 43816601                          | 62719     | OWN           |      |
| 163-1   | Leaching and Adsorption/Desorption | 43507306                          | 62719     | OWN           |      |
| 163-1   | Leaching and Adsorption/Desorption | 43816602                          | 62719     | OWN           |      |
| 164-1   | Soil Field Dissipation             | 43714301                          | 62719     | OWN           |      |
| 164-1   | Soil Field Dissipation             | 44045101                          | 62719     | OWN           |      |
| 164-1   | Soil Field Dissipation             | 44045102                          | 62719     | OWN           |      |
| 164-1   | Soil Field Dissipation             | 44045103                          | 62719     | OWN           |      |
| 164-2   | Aquatic Sediment Field Dissipation | 44045103                          | 62719     | OWN           |      |
| 164-1   | Soil Field Dissipation             | 44045104                          | 62719     | OWN           |      |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|  |                                    |               |           |        |      |
|--|------------------------------------|---------------|-----------|--------|------|
| Date September 10, 2012  | EPA Reg No./File Symbol 62719-XXX  |               |           |        |      |
| Applicant's/Registrant's Name & Address<br>Dow AgroSciences LLC<br>9330 Zionsville Road<br>Indianapolis, IN 46268-1054 | Product<br>GF-2986                 | Page 22 of 31 |           |        |      |
| Ingredient Methoxyfenozide, Spinosad   |                                    |               |           |        |      |
| Guideline Reference  | Guideline Study Name               | MRID Number   | Submitter | Status | Note |
| 164-2  | Aquatic Sediment Field Dissipation | 44045104      | 62719     | OWN    |      |
| 164-2  | Aquatic Sediment Field Dissipation | 44045105      | 62719     | OWN    |      |
| 165-4  | Accumulation in Fish               | 43557601      | 62719     | OWN    |      |
| 165-4  | Accumulation in Fish               | 44597734      | 62719     | OWN    |      |
| 165-1  | Confined Rotational Crop           | 43727402      | 62719     | OWN    |      |
| 171-4(a)   | Nature of Residue in Plants        | 43727403      | 62719     | OWN    |      |
| 171-4(a)   | Nature of Residue in Plants        | 43727404      | 62719     | OWN    |      |
| 171-4(a)   | Nature of Residue in Plants        | 44058811      | 62719     | OWN    |      |
| 171-4(a)   | Nature of Residue in Plants        | 44058812      | 62719     | OWN    |      |
| 171-4(a)   | Nature of Residue in Plants        | 44058813      | 62719     | OWN    |      |
| 171-4(a)   | Nature of Residue in Plants        | 44058814      | 62719     | OWN    |      |
| 171-4(a)   | Nature of Residue in Plants        | 44058815      | 62719     | OWN    |      |
| 171-4(b)   | Nature of Residue in Livestock     | 43727405      | 62719     | OWN    |      |
| 171-4(b)   | Nature of Residue in Livestock     | 43727406      | 62719     | OWN    |      |
| 171-4(c)   | Residue Analytical Method (Plants) | 43727407      | 62719     | OWN    |      |
| 171-4(c)   | Residue Analytical Method (Plants) | 44058816      | 62719     | OWN    |      |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|  |                                     |               |           |        |      |
|--|-------------------------------------|---------------|-----------|--------|------|
| Date September 10, 2012  | EPA Reg No./File Symbol 62719-XXX   |               |           |        |      |
| Applicant's/Registrant's Name & Address<br>Dow AgroSciences LLC<br>9330 Zionsville Road<br>Indianapolis, IN 46268-1054 | Product<br>GF-2986                  | Page 23 of 31 |           |        |      |
| Ingredient Methoxyfenozide, Spinosad   |                                     |               |           |        |      |
| Guideline Reference  | Guideline Study Name                | MRID Number   | Submitter | Status | Note |
| 171-4(c)   | Residue Analytical Method (Plants)  | 44058818      | 62719     | OWN    |      |
| 171-4(c)   | Residue Analytical Method (Plants)  | 44058817      | 62719     | OWN    |      |
| 171-4(c)   | Residue Analytical Method (Plants)  | 44058819      | 62719     | OWN    |      |
| 171-4(c)   | Residue Analytical Method (Plants)  | 44159306      | 62719     | OWN    |      |
| 171-4(c)   | Residue Analytical Method (Plants)  | 44159305      | 62719     | OWN    |      |
| 171-4(c)   | Residue Analytical Method (Plants)  | 44214902      | 62719     | OWN    |      |
| 171-4(c)   | Residue Analytical Method (Plants)  | 44323502      | 62719     | OWN    |      |
| 171-4(c)   | Residue Analytical Method (Plants)  | 44323503      | 62719     | OWN    |      |
| 171-4(c)   | Residue Analytical Method (Plants)  | 44323504      | 62719     | OWN    |      |
| 171-4(c)   | Residue Analytical Method (Plants)  | 44323505      | 62719     | OWN    |      |
| 171-4(c)   | Residue Analytical Method (Plants)  | 44323506      | 62719     | OWN    |      |
| 171-4(c)   | Residue Analytical Method (Plants)  | 44323507      | 62719     | OWN    |      |
| 171-4(c)   | Residue Analytical Method (Plants)  | 44323508      | 62719     | OWN    |      |
| 171-4(c)   | Residue Analytical Method (Plants)  | 44444402      | 62719     | OWN    |      |
| 860.1340   | Residue Analytical Methods - Plants | 44597709      | 62719     | OWN    |      |
| 860.1340   | Residue Analytical Methods - Plants | 44597710      | 62719     | OWN    |      |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|   |                                      |               |           |        |      |
|---|--------------------------------------|---------------|-----------|--------|------|
| Date September 10, 2012   | EPA Reg No./File Symbol              | 62719-XXX     |           |        |      |
| Applicant's/Registrant's Name & Address<br><b>Dow AgroSciences LLC</b><br><b>9330 Zionsville Road</b><br><b>Indianapolis, IN 46268-1054</b> | Product<br><b>GF-2986</b>            | Page 24 of 31 |           |        |      |
| Ingredient  | Methoxyfenozide, Spinosad            |               |           |        |      |
| Guideline Reference   | Guideline Study Name                 | MRID Number   | Submitter | Status | Note |
| 860.1340  | Residue Analytical Methods - Plants  | 44597708      | 62719     | OWN    |      |
| 171-4(c)  | Residue Analytical Method (Plants)   | 43727408      | 62719     | OWN    |      |
| 171-4(d)  | Residue Analytical Method (Animals)  | 43727408      | 62719     | OWN    |      |
| 171-4(c)  | Residue Analytical Method (Plants)   | 44045106      | 62719     | OWN    |      |
| 171-4(d)  | Residue Analytical Method (Animals)  | 44045106      | 62719     | OWN    |      |
| 171-4(d)  | Residue Analytical Methods (Animals) | 44058820      | 62719     | OWN    |      |
| 171-4(d)  | Residue Analytical Methods (Animals) | 44058821      | 62719     | OWN    |      |
| 171-4(d)  | Residue Analytical Methods (Animals) | 44058822      | 62719     | OWN    |      |
| 171-4(d)  | Residue Analytical Methods (Animals) | 44058823      | 62719     | OWN    |      |
| 171-4(d)  | Residue Analytical Methods (Animals) | 44597713      | 62719     | OWN    |      |
| 171-4(d)  | Residue Analytical Methods (Animals) | 44597714      | 62719     | OWN    |      |
| 860.1340  | Residue Analytical Methods - Animals | 44693601      | 62719     | OWN    |      |
| 171-4(e)  | Storage Stability                    | 44058824      | 62719     | OWN    |      |
| 171-4(e)  | Storage Stability                    | 44058825      | 62719     | OWN    |      |
| 171-4(e)  | Storage Stability                    | 44159307      | 62719     | OWN    |      |
| 171-4(e)  | Storage Stability                    | 44323509      | 62719     | OWN    |      |





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|   |   |             |               |        |      |
|---|---|-------------|---------------|--------|------|
| Date September 10, 2012   | EPA Reg No./File Symbol                         | 62719-XXX   |               |        |      |
| Applicant's/Registrant's Name & Address<br><b>Dow AgroSciences LLC</b><br><b>9330 Zionsville Road</b><br><b>Indianapolis, IN 46268-1054</b> | Product<br><b>GF-2986</b>                       |             | Page 25 of 31 |        |      |
| Ingredient  | Methoxyfenozide, Spinosad                       |             |               |        |      |
| Guideline Reference   | Guideline Study Name                            | MRID Number | Submitter     | Status | Note |
| 171-4(e)  | Storage Stability                               | 44323510    | 62719         | OWN    |      |
| 860.1380  | Storage Stability                               | 44597711    | 62719         | OWN    |      |
| 860.1380  | Storage Stability                               | 44597712    | 62719         | OWN    |      |
| 171-4(j)  | Magnitude of Residue in Meat/Milk/ Poultry/Eggs | 44058826    | 62719         | OWN    |      |
| 860   | Magnitude of the Residue on Peach               | 47694401    | 62719         | OWN    |      |
| 860   | Magnitude of Residue in pineapples              | 46998204    | 62719         | OWN    |      |
| 860.1480  | Magnitude of Residue in Meat/Milk/ Poultry/Eggs | 44597715    | 62719         | OWN    |      |
| 171-4(k)  | Crop Field Trials                               | 43727410    | 62719         | OWN    |      |
| 171-4(k)  | Crop Field Trials                               | 44058827    | 62719         | OWN    |      |
| 171-4(k)  | Crop Field Trials                               | 44058828    | 62719         | OWN    |      |
| 171-4(k)  | Crop Field Trials                               | 44159308    | 62719         | OWN    |      |
| 171-4(k)  | Crop Field Trials                               | 44159309    | 62719         | OWN    |      |
| 171-4(k)  | Crop Field Trials                               | 44214903    | 62719         | OWN    |      |
| 171-4(k)  | Crop Field Trials                               | 44323511    | 62719         | OWN    |      |
| 171-4(k)  | Crop Field Trials                               | 44323512    | 62719         | OWN    |      |
| 171-4(k)  | Crop Field Trials                               | 44323513    | 62719         | OWN    |      |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|  |   |               |           |        |      |
|--|---|---------------|-----------|--------|------|
| Date September 10, 2012  | EPA Reg No./File Symbol 62719-XXX                       |               |           |        |      |
| Applicant's/Registrant's Name & Address<br>Dow AgroSciences LLC<br>9330 Zionsville Road<br>Indianapolis, IN 46268-1054 | Product<br>GF-2986                                      | Page 26 of 31 |           |        |      |
| Ingredient Methoxyfenozide, Spinosad   |   |               |           |        |      |
| Guideline Reference  | Guideline Study Name                                    | MRID Number   | Submitter | Status | Note |
| 171-4(l)   | Magnitude of Residue in Processed Food/Feed             | 44323513      | 62719     | OWN    |      |
| 850.1740   | Whole sediment acute toxicity invertebrates, freshwater | 47702901      | 62719     | OWN    |      |
| 860.1500   | Crop Field Trials                                       | 44444403      | 62719     | OWN    |      |
| 860.1500   | Crop Field Trials                                       | 44597717      | 62719     | OWN    |      |
| 860.1500   | Crop Field Trials                                       | 44597716      | 62719     | OWN    |      |
| 860.1500   | Crop Field Trials                                       | 44597719      | 62719     | OWN    |      |
| 860.1500   | Crop Field Trials                                       | 44597718      | 62719     | OWN    |      |
| 171-4(l)   | Magnitude of Residue in Processed Food/Feed             | 43727411      | 62719     | OWN    |      |
| 171-4(l)   | Magnitude of Residue in Processed Food/Feed             | 44058829      | 62719     | OWN    |      |
| 171-4(l)   | Magnitude of Residue in Processed Food/Feed             | 44159310      | 62719     | OWN    |      |
| 171-4  | Residue of Analytical Method                            | 43727409      | 62719     | OWN    |      |
| 171-4  | Residue of Analytical Method                            | 44058810      | 62719     | OWN    |      |
| 171-5  | Reduction of Residue                                    | Admin         | 62719     | OWN    |      |
| 171-5  | Reduction of Residue                                    | Admin         | 62719     | OWN    |      |
| 171-5  | Reduction of Residue                                    | Admin         | 62719     | OWN    |      |
| 171-5  | Reduction of Residue                                    | Admin         | 62719     | OWN    |      |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460.  
Do not send the form to this address.

DATA MATRIX

|  |   |               |           |        |      |
|--|---|---------------|-----------|--------|------|
| Date September 10, 2012  | EPA Reg No./File Symbol 62719-XXX         |               |           |        |      |
| Applicant's/Registrant's Name & Address<br>Dow AgroSciences LLC<br>9330 Zionsville Road<br>Indianapolis, IN 46268-1054 | Product<br>GF-2986                        | Page 27 of 31 |           |        |      |
| Ingredient Methoxyfenozide, Spinosad   |   |               |           |        |      |
| Guideline Reference  | Guideline Study Name                      | MRID Number   | Submitter | Status | Note |
| 171-5  | Reduction of Residue                      | Admin         | 62719     | OWN    |      |
| 171-5  | Reduction of Residue                      | 44444404      | 62719     | OWN    |      |
| 171-5  | Reduction of Residue                      | Admin         | 62719     | OWN    |      |
| 171-6  | Proposed Tolerance                        | Admin         | 62719     | OWN    |      |
| 171-6  | Proposed Tolerance                        | Admin         | 62719     | OWN    |      |
| 171-6  | Proposed Tolerance                        | Admin         | 62719     | OWN    |      |
| 171-6  | Proposed Tolerance                        | 44444404      | 62719     | OWN    |      |
| 171-6  | Proposed Tolerance                        | Admin         | 62719     | OWN    |      |
| 171-6  | Proposed Tolerance                        | Admin         | 62719     | OWN    |      |
| 171-6  | Proposed Tolerance                        | Admin         | 62719     | OWN    |      |
| 171-6  | Proposed Tolerance                        | Admin         | 62719     | OWN    |      |
| 171-6  | Proposed Tolerance                        | Admin         | 62719     | OWN    |      |
| 171-6  | Proposed Tolerance                        | Admin         | 62719     | OWN    |      |
| 860.1550   | Proposed Tolerance                        | Admin         | 62719     | OWN    |      |
| 860.1550   | Proposed Tolerance                        | 46452501      | 62719     | OWN    |      |
| 171-7  | Reasonable Grounds in Support of Petition | Admin         | 62719     | OWN    |      |
| 171-7  | Reasonable Grounds in Support of Petition | Admin         | 62719     | OWN    |      |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|   |  |             |               |        |      |
|---|--|-------------|---------------|--------|------|
| Date September 10, 2012   | EPA Reg No./File Symbol  | 62719-XXX   |               |        |      |
| Applicant's/Registrant's Name & Address<br><b>Dow AgroSciences LLC</b><br><b>9330 Zionsville Road</b><br><b>Indianapolis, IN 46268-1054</b> | Product<br><b>GF-2986</b>  |             | Page 28 of 31 |        |      |
| Ingredient  | Methoxyfenozide, Spinosad  |             |               |        |      |
| Guideline Reference   | Guideline Study Name   | MRID Number | Submitter     | Status | Note |
| 171-7   | Reasonable Grounds in Support of Petition  | 44444404    | 62719         | OWN    |      |
| 171-7   | Reasonable Grounds in Support of Petition  | Admin       | 62719         | OWN    |      |
| 171-7   | Reasonable Grounds in Support of Petition  | Admin       | 62719         | OWN    |      |
| 171-7   | Reasonable Grounds in Support of Petition  | Admin       | 62719         | OWN    |      |
| 171-7   | Reasonable Grounds in Support of Petition  | 44058830    | 62719         | OWN    |      |
| Series 875  | Occupational and Residential Exposure Test Guidelines  | 44828401    | 62719         | OWN    |      |
| N/A   | Characterization of Pyrolysis Products of Spinosad by Gas Chromatography/Mass Spectrometry   | 44214901    | 62719         | OWN    |      |
| N/A   | Thermogravimetric Analysis of Spinosad and Evolved Gas Analysis by Gas Chromatography/Mass Spectrometry  | 44214904    | 62719         | OWN    |      |
| N/A   | Data Waiver Request for Environmental Fate, Residue and Additional Toxicology Studies Used to Support New Registrations Involving Use of <i>S. spinosa</i> Fermentation Based Products | Admin       | 62719         | OWN    |      |
| N/A   | A Review of the Toxicity of Spinosad (XDE-105) to Fish and Wildlife  | 43478105    | 62719         | OWN    |      |
| N/A   | Ecological Risk Assessment for Spinosad Use on Cotton  | 43477901    | 62719         | OWN    |      |
| N/A   | Aquatic Microcosm Dissipation of Spinosad (XDE-105)  | 43848803    | 62719         | OWN    |      |
| N/A   | Assessment of Ecological Risk for Spinosad Use on Cotton Part II (MRID #43848801 and MRID #43477901)   | 43918401    | 62719         | OWN    |      |
| N/A   | Spinosad (XDE-105): Review of Mammalian Toxicology   | 43478106    | 62719         | OWN    |      |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|   |  |             |               |        |      |
|---|--|-------------|---------------|--------|------|
| Date September 10, 2012   | EPA Reg No./File Symbol  | 62719-XXX   |               |        |      |
| Applicant's/Registrant's Name & Address<br><b>Dow AgroSciences LLC</b><br><b>9330 Zionsville Road</b><br><b>Indianapolis, IN 46268-1054</b> | Product<br><b>GF-2986</b>  |             | Page 29 of 31 |        |      |
| Ingredient  | Methoxyfenozide, Spinosad  |             |               |        |      |
| Guideline Reference   | Guideline Study Name   | MRID Number | Submitter     | Status | Note |
| N/A   | XDE-105: Comparison of the Metabolism and Tissue Distribution of <sup>14</sup> C-Labeled XDE-105 (Factor A) and <sup>14</sup> C-Labeled XDE-105 (Factor D) in Fischer 344 Rats | 43701511    | 62719         | OWN    |      |
| N/A   | Spinosad (XDE-105): Review of Mammalian Toxicology   | 43701501    | 62719         | OWN    |      |
| N/A   | XDE-105: Oral Gavage Teratology Probe Study in Sprague-Dawley Rats   | 43770702    | 62719         | OWN    |      |
| N/A   | Public Interest Document for Products Containing Spinosad  | 43478103    | 62719         | OWN    |      |
| N/A   | Additional Efficacy to Public Interest Document for Products Containing Spinosad   | 43985201    | 62719         | OWN    |      |
| N/A   | Acute Toxicity of XDE-105 Insecticide to the Earthworm, <i>Eisenia foetida</i>   | 43414548    | 62719         | OWN    |      |
| N/A   | Summary of the Environmental Fate of Spinosad  | 43478104    | 62719         | OWN    |      |
| N/A   | A Summary of the Environmental Fate of Spinosad  | 43816603    | 62719         | OWN    |      |
| N/A   | Aqueous Photolysis of Spinosyn A and D in Natural Water  | 44597735    | 62719         | OWN    |      |
| N/A   | Calculation of Henry's Law Constant for Spinosad   | 44597736    | 62719         | OWN    |      |
| N/A   | Photostability of [ <sup>14</sup> C] XDE-105 on Cabbage Leaves and Glass Surfaces  | 44597737    | 62719         | OWN    |      |
| N/A   | Interpretive Summary of XDE-105 Residue Chemistry  | 43727401    | 62719         | OWN    |      |
| N/A   | Interpretive Summary of Spinosad Residue Chemistry for Apple, Brassica and the Ruminant  | 44058831    | 62719         | OWN    |      |
| N/A   | Waiver Request for Pyrolysis Study of Tobacco Treated with Spinosad  | Admin       | 62719         | OWN    |      |



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

491 N Street S.W.

Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

## DATA MATRIX

|   |  |             |           |        |               |
|---|--|-------------|-----------|--------|---------------|
| Date September 10, 2012   | EPA Reg No./File Symbol 62719-XXX  |             |           |        |               |
| Applicant's/Registrant's Name & Address<br><b>Dow AgroSciences LLC</b><br><b>9330 Zionsville Road</b><br><b>Indianapolis, IN 46268-1054</b> | Product<br>GF-2986   |             |           |        | Page 30 of 31 |
| Ingredient Methoxyfenozide, Spinosad  |  |             |           |        |               |
| Guideline Reference   | Guideline Study Name   | MRID Number | Submitter | Status | Note          |
| N/A   | Supplemental Information for Establishment of Spinosad Residue Tolerances on Cotton Gin Byproducts under the Requirements of the Food Quality Protection Act of 1996   | 44444401    | 62719     | OWN    |               |
| N/A   | Supplemental Information for Establishment of Spinosad Residue Tolerances on Stone Fruit, Cucurbits, Corn (Field, Sweet, and Pop), Legume Vegetables (Succulent Including Soybeans), Sorghum, and Wheat under the Requirements of the FQPA of 1996 | 44597701    | 62719     | OWN    |               |
| N/A   | Comparison of Immunochemical and HPLC Analytical Methods for Determination of Spinosad Residues in Crops   | 44597703    | 62719     | OWN    |               |
| N/A   | A Guide to Residue Methodologies for the Determination of Spinosad in Crops, Crop Processed Products, Animal Tissues, and Environmental Samples  | 44597704    | 62719     | OWN    |               |
| N/A   | A Summary of the Experimental Use Permit Program for NAF-85 EPA File Symbol Number: 62719-EUP-34   | 44189401    | 62719     | OWN    |               |
| N/A   | Supplemental Information for Establishment of Spinosad Residue Tolerances on Almonds, Citrus, and Leafy Vegetables under the Requirements of the Food Quality Protection Act of 1996   | 44323501    | 62719     | OWN    |               |
| N/A   | A Summary of the Experimental Use Permit Program for Tracer (NAF-85) Conducted in Cotton During 1996, EPA File Symbol No.: 62719-EUP-32. Conducted from June 5, 1996 to June 1, 1997   | 44347001    | 62719     | OWN    |               |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

|  |   |                                   |           |               |      |
|--|---|-----------------------------------|-----------|---------------|------|
| Date September 10, 2012  |   | EPA Reg No./File Symbol 62719-XXX |           |               |      |
| Applicant's/Registrant's Name & Address<br>Dow AgroSciences LLC<br>9330 Zionsville Road<br>Indianapolis, IN 46268-1054 |   | Product<br>GF-2986                |           | Page 31 of 31 |      |
| Ingredient Methoxyfenozide, Spinosad   |   |                                   |           |               |      |
| Guideline Reference  | Guideline Study Name  | MRID Number                       | Submitter | Status        | Note |
| N/A  | Reduced Risk Rationale for Spinosad Products in the Control of Insects on Various Crops Including: Cucurbits, Stone Fruits, Legume Vegetables (Succulent, Including Soybeans), Corn (Field, Sweet, and Pop), Sorghum, and Wheat | 44597702                          | 62719     | OWN           |      |
| N/A  | Evaluation of Spinosad for the Control of Red Imported Fire Ant ( <i>Solenopsis invicta</i> )   | 44596201                          | 62719     | OWN           |      |
| N/A  | DE-105 - The Chronic Toxicity to Midge ( <i>Chironomus riparius</i> ) Under Static Conditions   | 44828402                          | 62719     | OWN           |      |
| N/A  | Spinosad: 4-Week Dietary Toxicity and Recovery Study in Fischer 344 Rats  | 44828403                          | 62719     | OWN           |      |
| N/A  | Determination of No Significant Effects for the GF-120 Formulation of Spinosad  | 45267802                          | 62719     | OWN           |      |
| N/A  | Comparative Efficacy of NAF-85 and Other Spinosad Formulations in Contact Exposure Bioassays Against Eastern Subterranean Termites  | 45270401                          | 62719     | OWN           |      |
| N/A  | Evaluation of XDE-105 as a Potential Termiticide Barrier for Control of Subterranean Termites   | 45270402                          | 62719     | OWN           |      |
| N/A  | Refined Dietary Risk Assessment for Spinosad  | 45535601                          | 62719     | OWN           |      |
| N/A  | Effectiveness of Success 0.02 CB for the Control of Fruit Flies and its Effect on Bees <i>Apis mellifera</i> L.   | 45708201                          | 62719     | OWN           |      |
| N/A  | Response to EFED Review of Bee Study  | 45708801                          | 62719     | OWN           |      |
| N/A  | Control of Red Harvester Ants with Conserve Fire Ant Bait   | 46475801                          | 62719     | OWN           |      |
| N/A  | Magnitude of Residues of Spinosad from IR-4 Seed Treatments in 2008   | 47728601                          | 62719     | OWN           |      |